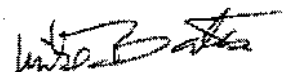


**Scope of Work  
Cedar Chemical Site  
Storm Water Management  
(Amendment #1)**

The **CONTRACTOR** shall provide ADEQ with services, facilities, personnel, and equipment as specified below:

1. **CONTRACTOR** shall discharge impounded storm water from the polishing pond to the Mississippi River via existing Outfall 002 as directed by ADEQ.
2. **CONTRACTOR** shall monitor the effluent for pH as directed by ADEQ.
3. **CONTRACTOR** shall provide ADEQ with weekly reports detailing contractor's activities, monitoring results, and hours worked.
4. **CONTRACTOR** shall invoice ADEQ monthly for services rendered.

  
9/16/03

**Scope of Work  
Cedar Chemical Site  
Storm Water Management**

The **CONTRACTOR** shall provide ADEQ with services, facilities, personnel, and equipment as specified below:

1. **CONTRACTOR** shall monitor water levels in the storm water ponds, finishing pond, equalization pond, biological treatment pond, clarifier pond, and associated water collection and transfer system on a weekly basis and immediately after any rainfall event(s) totaling one (1) inch or more in a 24 hour period. The ponds and associated systems are collectively referred to as the on-site water management system.
2. **CONTRACTOR** shall notify ADEQ when water levels in any individual pond reach 75% of estimated capacity. {Note: feet of freeboard may be a better indicator}
3. **CONTRACTOR** shall operate existing pumps, valves, pipes, and other equipment as necessary to maximize retention of storm water in the on-site water management system.
4. **CONTRACTOR** shall, in the event the on-site water management system reaches 90% of estimated capacity, operate existing pumps, valves, pipes, and other equipment to discharge water from the on-site water management system to Outfall 002, designated in NPDES Permit #AR0036412. {Note: feet of freeboard may be a better indicator}
5. **CONTRACTOR** shall suspend discharge from Outfall 002 when the on-site water management system falls below 25% of estimated capacity. {Note: feet of freeboard may be a better indicator}
6. **CONTRACTOR** shall perform the following activities in association with sampling in regard to the storm water / wastewater management systems:
  - a. **CONTRACTOR** shall collect, preserve, document, and deliver to ADEQ for analysis, samples corresponding to each discharge event from the storm water pond to the finishing pond. Samples shall be representative of the storm water pond effluent and collected in sufficient quantity and type to allow analysis for biochemical oxygen demand, total suspended solids, chemical oxygen demand, priority pollutants (40 CFR Part 455, Table 4 BAT limits,) pesticides (40 CFR Part 455, Table 2 BAT limits,) ~~acute~~ **biomonitoring (Pimephales promelas and Daphnia pulex,)** and pH.
  - b. **CONTRACTOR** shall collect, preserve, document, and deliver to ADEQ for analysis, water samples corresponding to the first discharge event from

Outfall 002 in each calendar quarter. Samples shall be collected at Outfall 002.

- c. **CONTRACTOR** shall record the date(s) and duration of discharge and the volume discharged through Outfall 002
  - d. **CONTRACTOR** shall conduct all sampling in accordance with the requirements of NPDES Permit # AR0036412, as effective on June 1, 2002, ~~—In addition,~~
- 7. **CONTRACTOR** shall conduct inspections, maintenance, and other actions as are necessary to meet the requirements of the Storm Water Pollution Prevention Requirements specified in NPDES Permit #AR0036412.
  - 8. **CONTRACTOR** shall provide ADEQ with weekly reports detailing contractor's activities, monitoring results, ~~and~~ sample documentation and hours worked.
  - 9. **CONTRACTOR** shall invoice ADEQ monthly for services rendered.

# TELECON NOTE

## ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

SITE ID NUMBER:	DATE:	TIME:
	8-11-04	9:45 am
RE: Cedar Discharge		
BETWEEN:	OF:	PHONE:
Gary Hill		870-995-3502

AND: Melanie Foster

### DISCUSSION:

Gary called to get clarification from me about the email I sent to him yesterday requesting he include tax on his future invoices and report back to me for my report to EPA. I explained that for the tax he just needed to add a line for tax at 7.5% and multiply it by his hourly subtotal to get a final total for the Agency. He said he would do that.

As for the report to EPA, I asked when he expected to conclude discharging since he needed to report the volume and duration of the discharge which could really only occur after discharging was complete. He does not expect to conclude discharging for a few more weeks. Based on this information, I said I would get back to him on when I needed the report.

Gary is currently transferring water from the bio and equalization ponds into the finishing ponds to get a good mixture to discharge. He said that the finishing pond is a little on the low side for pH and one of the other ponds is on the high side so that it is coming out about right. He said that the water in all the ponds is about the same quality because it is all basically stormwater collected since previous discharges. He expects it to take several weeks because he is going to have to slow the river discharge down because the river pump works faster than the transfer pumps and he needs to make sure that he doesn't pump the finishing pond dry.

I also asked Gary about the flow meter since Eric Fleming had told me it had been a while since it was last calibrated. Gary did not have any suggested resources for who could calibrate. He believed that Cedar's maintenance department had done it in the past. He did look at the meter and let me know that it was a Fulscope ER/C by ABB Kent-Taylor. It reports both gallons per minute and total gallons. Unless both measurements are off (or

are not independent measurements), he believes that the calibration is pretty good because he did a calculation check and they are corresponding pretty well.

When asked, Gary told me that he thought the sampling went well and that he didn't have any problems.

Gary was told by Eric that I was developing some sampling logs and wondered about receiving those. I told him that I was soliciting feedback from the Water Division on whether the forms included everything that they would be looking for on an inspection and that once I received their approval, I would forward them on to him. He said that he is currently keeping his own records which I encouraged him to continue until I do get approval of the forms.

Gary requested a copy of the water quality report when it is completed.

#### ACTION ITEMS:

Get back to Gary on EPA report, when does he need to send?  
Send Gary a copy of log forms once they are approved.  
Send Gary a copy of the WQ report when completed.